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OM nucleic - nucleic search, using sw model

Run on: June 17, 2003, 11:18:58 ; Search time 59.5203 Seconds
(without alignments)
5580.127 Million cell updates/sec

Title: US-09-807-933b-6

Perfect score: 1083

Sequence: 1 atgaagttccctaccattgc.....ctgcgcgtcagaataa 1083

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

1: Issued Patents NA: *
2: /cgn2_6/ptodata/1/ina/5A_COMB.seq: *
3: /cgn2_6/ptodata/1/ina/5B_COMB.seq: *
4: /cgn2_6/ptodata/1/ina/6A_COMB.seq: *
5: /cgn2_6/ptodata/1/ina/6B_COMB.seq: *
6: /cgn2_6/ptodata/1/ina/PCITUS_COMB.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	218.2	20.1	1473	1	US-08-090-013-3 Sequence 3, Appl1
2	218.2	20.1	1473	1	US-08-081-328-3 Sequence 3, Appl1
3	218.2	20.1	1473	1	US-08-232-249-3 Sequence 3, Appl1
4	218.2	20.1	1473	2	US-08-833-642A-3 Sequence 3, Appl1
5	218.2	20.1	1473	2	US-08-389-423-3 Sequence 3, Appl1
6	218.2	20.1	1473	2	US-09-230-665-3 Sequence 3, Appl1
7	218.2	20.1	1473	4	US-09-189-028-3 Sequence 3, Appl1
8	215.6	19.9	984	4	US-09-230-665-7 Sequence 7, Appl1
9	205.4	19.0	1423	3	US-08-651-136C-9 Sequence 9, Appl1
10	205.4	19.0	1423	4	US-09-229-911A-9 Sequence 9, Appl1
11	195	18.0	924	4	US-09-189-060B-69 Sequence 69, Appl1
12	184.4	17.0	912	4	US-09-189-060B-67 Sequence 67, Appl1
13	184.4	17.0	912	4	US-09-189-060B-65 Sequence 65, Appl1
14	181	16.7	1174	2	US-08-872-437-1 Sequence 1, Appl1
15	181	16.7	1174	3	US-08-651-136C-11 Sequence 11, Appl1
16	181	16.7	1174	4	US-09-229-911A-11 Sequence 11, Appl1
17	178.2	16.5	927	3	US-08-651-136C-5 Sequence 5, Appl1
18	178.2	16.5	927	4	US-09-229-911A-5 Sequence 5, Appl1
19	178	16.4	960	3	US-08-651-136C-1 Sequence 1, Appl1
20	178	16.4	960	4	US-09-229-911A-1 Sequence 1, Appl1
21	177	16.3	894	3	US-08-651-136C-3 Sequence 3, Appl1
22	177	16.3	894	4	US-09-229-911A-3 Sequence 3, Appl1
23	170.2	15.7	913	3	US-08-651-136C-13 Sequence 13, Appl1
24	170.2	15.7	913	4	US-09-229-911A-13 Sequence 13, Appl1
25	168.4	15.5	885	4	US-08-651-136C-23 Sequence 23, Appl1
26	168.4	15.5	885	4	US-09-229-911A-23 Sequence 23, Appl1
27	161.8	14.9	807	4	US-09-230-665-5 Sequence 5, Appl1

28	161.8	14.9	1060	1	US-08-090-013-1 Sequence 1, Appl1
29	161.8	14.9	1060	1	US-08-081-328-1 Sequence 1, Appl1
30	161.8	14.9	1060	1	US-08-232-249-1 Sequence 1, Appl1
31	161.8	14.9	1060	2	US-08-921-426-7 Sequence 7, Appl1
32	161.8	14.9	1060	2	US-08-833-642A-1 Sequence 1, Appl1
33	161.8	14.9	1060	2	US-08-140-008A-3 Sequence 3, Appl1
34	161.8	14.9	1060	2	US-08-389-423-7 Sequence 7, Appl1
35	161.8	14.9	1060	3	US-08-816-915-7 Sequence 7, Appl1
36	161.8	14.9	1060	4	US-09-189-060B-55 Sequence 55, Appl1
37	161.8	14.9	1060	4	US-09-230-665-1 Sequence 1, Appl1
38	161.8	14.9	1060	4	US-09-189-028-1 Sequence 1, Appl1
39	161.8	14.9	1060	5	PCT-US95-07743-7 Sequence 7, Appl1
40	161.6	14.9	1132	3	US-08-651-136C-21 Sequence 21, Appl1
41	161.6	14.9	1132	4	US-09-229-911A-21 Sequence 21, Appl1
42	161.6	14.9	1154	4	US-08-651-136C-7 Sequence 7, Appl1
43	161.6	14.9	1154	4	US-09-229-911A-7 Sequence 7, Appl1
44	159.8	14.8	808	3	US-08-651-136C-15 Sequence 15, Appl1
45	159.8	14.8	808	4	US-09-229-911A-15 Sequence 15, Appl1

ALIGNMENTS

RESULT 1
US-08-090-013-3
Sequence 3, Application US/08090013
Patent No. 5443750
GENERAL INFORMATION:
APPLICANT: CONVENTS, ANDRE C
APPLICANT: BUSCH, ALFRED
APPLICANT: BAECK, ANDRE C
TITLE OF INVENTION: DETERGENT COMPOSITION WITH HIGH ACTIVITY
TITLE OF INVENTION: CELLULASE AND SOFTENING CLAYS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESSES:
ADDRESSEE: THE PROCTER & GAMBLE COMPANY
STREET: 5299 SPRING GROVE AVENUE
CITY: CINCINNATI
STATE: OHIO
COUNTRY: USA
ZIP: 45217
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/090,013
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91202880.0
FILING DATE: 06-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: PATEL, KEN K.
REGISTRATION NUMBER: 33,988
REFERENCE/DOCKET NUMBER: CM393
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-627-6437
TELEFAX: 513-627-4854
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-090-013-3
Query Match 20.1%; Score 218.2; DB 1; Length 1473;
Best Local Similarity 63.0%; Pred. No. 1.2e-54;

Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

QY 449 GTGGTCCCTCCGATATGTGTAACCACTCGTACTGGATGTTGTAGACCTTCTTGA 508
 DB 143 GTGCTGCTTCTGGAAGCGGTCACTACTGATACGAGATTGCTGCAAGCCTTCTTGT 202
 QY 509 GTTGGCCCGGTAAAGCTGATGTCACCTCCCTGTTGGCTCTGTAAACAAGATGTAGA 568
 DB 203 CTTGAGCGGAAAGGCTGCTGTCACAGCCCTGCTTTAACTTGATTAAGAACGACACC 262
 QY 569 CTCTTGCTGATTAACAACACTCAAAACGCGCTGT---GTGGGTGTAGACGCTACCTGTA 625
 DB 263 CCATTTCCAAACACATGCTGTCACAGGTTGTGAGGCTGTGTCTTGTCTTATGCTTGA 322
 QY 626 ATGACATCAACTTGGGTTGTTAGGACACCTTGCTCAAGTTTCCGCGCTTCCA 685
 DB 323 CCAACTACTCTCCCTGGGCTGTCAACGATGAGCTTGCTTACGTTTCTGCTACCAAGA 382
 QY 686 TTTCTGCTGATGCGAAGCTACTTGTGTGTTGCTGCTGTTGCACTGACATTCACCTTA 745
 DB 383 TCTCCGCTGCTCCGAGGCGACGTGTGTGCTGTGCTGTATGCTTGAACCTTACACACTG 442
 QY 746 CTGCGCTCAAGGATTAAGAGATGTTGTCAAGTAACAACACTGGCTTGAACCTTGGCT 805
 DB 443 GCCCGCTCAAGGCGCAAGAGATGATGTCACAGTCCAAACCTGAGGTGATCTCGCG 502
 QY 806 CTAAACACTGCTGCTCACTTGAACATGCGGTGCTGCTGCTGCTGCTGCTGCTGCTG 865
 DB 503 ACAAC-----CACTTGCATTCATGATGCTCCGCGGTGTGTGTGTGTGTGTGTGTGT 553
 QY 866 GTTGGCCACTCAATGAGGCTGCTCCACCGATGTTGGGTGCAAGATACGCGGTGTT 925
 DB 554 GCTGACCTCTGAGTCTCGG-----CAAGGCTCTCGGCGGTGCCAGTACGCGGTATCT 607
 QY 926 CTTTGCCTCTGACTGTTCTTAACCTTCTGCTTCAAGCTGTTGTAGTGAAGAT 985
 DB 608 CCTCCCGAAGCAATGTATGATACCTACCCGAGCTTCTCAAGACGCTTCCACCTGCGAT 667
 QY 986 TCGGCTGTTCAAAAACGCTGATTAACCAACCATGACCTCAACAAGTACTTCTTCCA 1045
 DB 668 TCGACTGTTGAGAACGCGCACAACTGACTTACCTTGAAGAGGTTGAGTGTGCGCCA 727
 QY 1046 AGGCTATCACTGCCCAAGTCTGCTG 1070
 DB 728 AGGCTCTCTCGACATCAATGATG 752

RESULT 2
 US-08-081-328-3
 ; Sequence 3, Application US/08081328
 ; Patent No. 5520838
 ; GENERAL INFORMATION:
 ; APPLICANT: BAECK, ANDRE C.
 ; APPLICANT: CEULEMANS, RAPHAEL, ANGELINE A.
 ; APPLICANT: BUSCH, ALFRED (NMN)
 ; TITLE OF INVENTION: COMPACT DETERGENT COMPOSITIONS WITH
 ; TITLE OF INVENTION: HIGH ACTIVITY CELLULASE
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: THE PROCTER & GAMBLE COMPANY
 ; STREET: 11810 East Miami River Road
 ; CITY: CINCINNATI
 ; STATE: OHIO
 ; COUNTRY: USA
 ; ZIP: 45253-8707
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/081,328
 ; FILING DATE: 11/19/93

CLASSIFICATION: 252
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: ZERBY, KIM WILLIAM
 ; REGISTRATION NUMBER: 32,323
 ; REFERENCE/DOCKET NUMBER: CM356M
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 513-627-2885
 ; TELEFAX: 513-627-0318
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1473 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 97..1224
 ; US-08-081-328-3

Query Match 20.1%; Score 218.2; DB 1; Length 1473;
 Best Local Similarity 63.0%; Pred. No. 1.2e-54;
 Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

QY 449 GTGGTCCCTCCGATATGTGTAACCACTCGTACTGGATGTTGTAGACCTTCTTGA 508
 DB 143 GTGCTGCTTCTGGAAGCGGTCACTACTGATACGAGATTGCTGCAAGCCTTCTTGT 202
 QY 509 GTTGGCCCGGTAAAGCTGATGTCACCTCCCTGTTGGCTCTGTAAACAAGATGTAGA 568
 DB 203 CTTGAGCGGAAAGGCTGCTGTCACAGCCCTGCTTTAACTTGATTAAGAACGACACC 262
 QY 569 CTCTTGCTGATTAACAACACTCAAAACGCGCTGT---GTGGGTGTAGACGCTACCTGTA 625
 DB 263 CCATTTCCAAACACATGCTGTCACAGGTTGTGAGGCTGTGTCTTGTCTTATGCTTGA 322
 QY 626 ATGACATCAACTTGGGTTGTTAGGACACCTTGCTCAAGTTTCCGCGCTTCCA 685
 DB 323 CCAACTACTCTCCCTGGGCTGTCAACGATGAGCTTGCTTACGCTTCCCTCTCAAGA 382
 QY 686 TTTCTGCTGATGCGAAGCTACTTGTGTGTGCTGCTGTTGCAACTGACATTCACCTTA 745
 DB 383 TCTCCGCTGCTCCGAGGCGACGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 442
 QY 746 CTGCGCTCAAGGATTAAGAGATGTTGTCAAGTAACAACACTGTTCTGACCTTGGCT 805
 DB 443 GCCCGCTCAAGGCGCAAGAGATGATGTCACAGTCCAAACACTGAGGTGATCTCGCG 502
 QY 806 CTAAACACTGCTGCTCACTTGAACATGCGGTGCTGCTGCTGCTGCTGCTGCTGCTG 865
 DB 503 ACAAC-----CACTTGCATTCATGATGCTCCGCGGTGTGTGTGTGTGTGTGTGTGT 553
 QY 866 GTTGGCCACTCAATGAGGCTGCTCCACCGATGTTGGGTGCAAGATACGCGGTGTTT 925
 DB 554 GCTGACCTCTGAGTCTCGG-----CAAGGCTCTCGGCGGTGCCAGTACGCGGTATCT 607
 QY 926 CTTTGCCTCTGACTGTTCTTAACCTTCTGCTTCAAGCTGTTGTAGTGAAGAT 985
 DB 608 CCTCCCGAAGCAATGTATGATGATACCCGAGCTTCTCAAGACGCTTCCACCTGCGAT 667
 QY 986 TCGGCTGTTAAAAACGCTGATTAACCAACCATGACCTCAACAAGTACTTCTTCCA 1045
 DB 668 TCGACTGTTGAGAACGCGCACAACTGACTTACCTTGAAGAGGTTGAGTGTGCGCCA 727
 QY 1046 AGGCTATCACTGCCCAAGTCTGCTG 1070
 DB 728 AGGCTCTCTCGACATCAATGATG 752

RESULT 3
 US-08-232-249-3
 ; Sequence 3, Application US/08232249
 ; Patent No. 5610129
 ; GENERAL INFORMATION:

APPLICANT: MCCORODALE, FINLAY (NMN)
APPLICANT: BUSGH, ALFRED (NMN)
TITLE OF INVENTION: DYE TRANSFER INHIBITING COMPOSITIONS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESS: THE PROCTER & GAMBLE COMPANY
STREET: 5299 SPRING GROVE AVENUE
CITY: CINCINNATI
STATE: OHIO
COUNTRY: USA
ZIP: 45217
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,249
FILING DATE: 05-MAY-1994
CLASSIFICATION: 510
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91202882.6
FILING DATE: 06-NOV-91
ATTORNEY/AGENT INFORMATION:
NAME: ALLEN, GEORGE W.
REGISTRATION NUMBER: 26,143
REFERENCE/DOCKET NUMBER: CM-395
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-627-5946
TELEFAX: 513-627-8118
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-232-249-3

Query Match 20.1%; Score 218.2; DB 1; Length 1473;
Best Local Similarity 63.0%; Pred. No. 1.2e-54;
Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

449 GTGGTCCCTCCGGTAATGCTGAACCACTCGCTACTGGGATTTGTTAGCCTTCTTGA 508
143 GTGGTCCCTCCGGTAATGCTGAACCACTCGCTACTGGGATTTGTTAGCCTTCTTGA 202
509 GTGGCCCGGTAAGGCTGATGTCACTCCCTGTTGCGCTCCGTAACAAGATGTTAGA 568
203 CTGGAGGGAAGGCTGCTGTCAAGCGCCCTGCTTAACTGTGATGAAGCAAGCAACC 262
569 CTCTGTGATTAACAACAACAAGCGCTGT---GTGGTGTGAGAGCTACACTCTGTA 625
263 CCATTTCACAACAACAAGCTGTGTCAAGGTTGAGAGGTTGTCTCTGCTTATGCTTGA 322
626 ATGACATCAACTTGGGTTGTTAGCAAGCACTTGCCTACGCTTTCGCGCTGTCCA 685
323 CCAACTACTCTCCCGGCTGTCAAGATGAGCTTGCCTACGCTTTCGCTGTCAAGA 382
686 TTTCTGCTGATGAGCAAGCACTTGTGTTGCTGTCTGTTGAATCACTCACTTCACTTGA 745
383 TCTCGGGTGGCTCCAGGCGAGCTGTGTCTGTGTCTGTGTGACTTCACTTCACTG 442
746 CTGCGGTCAAGGTAAGAGATGTTGTTCAAGTAACAACAACAAGCTTCTGAAGCTTGGCT 805
443 GCCCGGTAAAGGGAAGAGATGATGCTGATCCACCAACAAGCTGAGATATCTCGGCG 502
806 CTAACACTGTGTCTCACTTTGACTTGAATGCAATGCCGCTGTGTGTGTGTGTGTGTAATCAATG 865
503 ACAAC-----CACTTCGATCTCAGATGATGCGGCGGTGTGTGTGTGTGTGTGATCTTCAAG 553

866 GTTGTCCACTCAATGAGGAGTCTCCACCGATGTTGGAGTGAAGATACGCGGCTGTTT 925
554 GCTGCACTCTGATTTGG-----CAAGCTCTCGGCGAGTCCAGTAAGCGCGTATCT 607
926 CTCTGCTCTGACTGTTCTTAACCTTCTTCTGCTTCAAGCTGTGTTGATGAGAT 985
608 CTTCCCAAGGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 667
986 TCGGCTGTTCAAAAGCTGATTAACCAACCATGACTCAACAAGTATCACTGTCCCA 1045
668 TCGACTGTTGAGAACGCGACCAACCTTGAATCTTGAAGCAAGTATGATGATGAT 727
1046 AGGCTATCACTGCAAGCTGCTG 1070
728 AGGCTCTCTGATGATGATGATG 752

RESULT 4
US-08-833-642A-3
Sequence 3, Application US/08833642A
Patent No. 5883066
GENERAL INFORMATION:
APPLICANT: Ivan M. A. J. Herbots et al.
TITLE OF INVENTION: Liquid Detergent Compositions
TITLE OF INVENTION: Containing Cellulase and Amine
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jackie Ann Zurcher
ADDRESSEE: Dinmore & Shohl LLP
STREET: 255 E. Fifth Street
STREET: 1900 Chemed Center
CITY: Cincinnati
STATE: Ohio
COUNTRY: USA
ZIP: 45202
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,642A
FILING DATE: April 8, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Zurcher, J. A.
REGISTRATION NUMBER: P42,251
REFERENCE/DOCKET NUMBER: CM551C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (513) 977-8377
TELEFAX: (513) 977-8141
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: fusarium oxysporum
STRAIN: DSM 2672
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-833-642A-3

Query Match 20.1%; Score 218.2; DB 2; Length 1473;
Best Local Similarity 63.0%; Pred. No. 1.2e-54;
Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

449 GTGGTCCCTCCGGTAATGCTGAACCACTCGCTACTGGGATTTGTTAGCCTTCTTGA 508

Db 143 GTGCTCTTCTGGAAGCGTCACTCTACTGATCTGAGATTGTCGAAGCCTTCTTGT 202
QY 509 GTTGGCCCGGTAAAGCTGATGTCACTCCCTGTTGCTCTGTAAACAAGATGTAAGA 568
Db 203 CTTGAGAGCGGAAGGCTGCTGTCAACGCCCCCTTAACTTGTATGAAGACGACACC 262
QY 559 CTTCTGTGATTAACAACACTCAAAACGCGTGT--GTTGGTGTAGACACTACCTGTA 625
Db 263 CCAATTCACACACCAATGTGTCAACGCGTGTGAGGCGTGTGTCTGTATGCTTGA 322
QY 626 ATGACATTAACCTTGGTGTGTTAGAGACACTTGGCCCTAAGCTTTCGCGCTGTCCA 685
Db 323 CCAACTACTCTCCCTGGGCTGTCAACGATGACCTTGGCTTACGCTTCTGCTACCA 382
QY 686 TTTCTGAGTGTGCGGAGCTGATCTGATGTTGCTGCTGTTTCAACTCACTTCACTCTA 745
Db 383 TCTCCGCTGTGCTCCAGAGCGCTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCT 442
QY 746 CTGCGGTCAAGGATGAAGATGTTGTTCAAGTAAACAACACTGCTTCTGACTTGTGCT 805
Db 443 GCCCGGTCAAGGCGCAAGATGATGTCAGTCCACCAACACTGAGGTGATCTCGCG 502
QY 806 CTAACACTGCTGCTCACTTGACTTGCAATGCCGCTGTGCTGTGCTGTGCTGTGCTGTG 865
Db 503 ACAAC-----CACTTCAATCTGATGATGCGCGGTGTGTGTGTGTGTGTGTGTGTGT 553
QY 866 GTTGTGCCACTCAATGCGGTGCTGCCACGATGTTGGGCTGCAAGATACGCGGTGTT 925
Db 554 GCTGACCTCTGATGTTGCG-----CAAGGCTCTCGCGGTGCGCGATGCTGTGCTGTG 607
QY 926 CTTTCTGCTGCTGCTGCTTCTTAACTTCTTCTGCTTCTGCTTCAAGTGTGTTAGTGAAT 985
Db 608 CTTCCCGAAGCAATGTGTAGTACTACCCGAGCTTCTCAAGACGCTTCCACTGCGCAT 667
QY 986 TCGGCTGTGTTCAAAACGCTGATTAACCAACATGACCTTCAAAACAAGTTACTGTTCCA 1045
Db 668 TCGACTGTGTTCAAGACGCGCAACCTGACTTCACTTGTAGAGGTTCACTGCTGCTGCT 727
QY 1046 AGGCTATCACTGCGCAAGTCTGCTG 1070
Db 728 AGGCTCTCTCGACATCAAGTGATG 752

RESULT 5
US-08-389-423-3
Sequence 3, Application US/08389423
Patent No. 5948672

GENERAL INFORMATION:

APPLICANT: Raemussen, Gretche
APPLICANT: Mikkelson, Jan Moller
APPLICANT: Schulteis, Martin
APPLICANT: Patkar, Shankant A.
APPLICANT: Hagen, Fred
TITLE OF INVENTION: A Cellulase Preparation Comprising an
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESS: No. 59486720 No. 59486720 of No. 59486720h America, Inc.
CITY: 405 Lexington Avenue, 64th Floor
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,423
FILING DATE: 14-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3469, 214-US
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Fusarium oxysporum
STRAIN: DSM 2672
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-389-423-3

Query Match 20.1%; Score 218.2; DB 2; Length 1473;
Best Local Similarity 63.0%; Pred. No. 1.2e-54;
Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

QY 449 GTGCTCTCCGCTATGATGTAACAACACTGCTACTGAGATTGTGTAAGCTTCTTGA 508
Db 143 GTGCTCTCTGGAAGCGGTCACTCTACTGATGATGAGATTGCTGCAAGCTTCTTGT 202
QY 509 GTTGGCCCGGTAAAGCTGATGTCACTTCCCTGTTGCTCTGTTTCAAGATGTAAGA 568
Db 203 CTTGAGAGCGGAAGGCTGCTGTCAACGCCCCCTGCTTAACTTGTATGAAGACGACACC 262
QY 559 CTTCTGTGATTAACAACACTCAAAACGCGTGT--GTTGGTGTAGACACTACCTGTA 625
Db 263 CCAATTCACACACCAATGTGTCAACGCGTGTGAGGCGTGTGTCTGTATGCTTGA 322
QY 626 ATGACATTAACCTTGGTGTGTTAGAGACACTTGGCCCTAAGCTTTCGCGCTGTCCA 685
Db 323 CCAACTACTCTCCCTGGGCTGTCAACGATGATGCTTGTGCTGTGCTGTGCTGTGCTGT 442
QY 686 TTTCTGAGTGTGCGGAGCTACTTGTGTGTGCTGCTGTTTGAACACTTCACTTCTA 745
Db 383 TCTCCGCTGTGCTCCAGAGCGCTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCT 502
QY 746 CTGCGGTCAAGGATGAAGATGTTGTTCAAGTAAACAACACTGCTTCTGACTTGTGCT 805
Db 443 GCCCGGTCAAGGCGCAAGATGATGTCAGTCCACCAACACTGAGGTGATCTCGCG 502
QY 806 CTAACACTGCTGCTCACTTGACTTGAATGCGGTGTGTGTTGTTGTTGTTGTTGTTGTT 865
Db 503 ACAAC-----CACTTCAATCTGATGATGCGCGGTGTGTGTGTGTGTGTGTGTGT 553
QY 866 GTTGTGCCACTCAATGCGGTGCTGCCACGATGTTGGGCTGTGCAAGATACGCGGTGTT 925
Db 554 GCTGACCTCTGAGTTCG-----CAAGGCTCTCGCGGTGCGCGATGCTGTGCTGTGCT 607
QY 926 CTTTCTGCTGCTGCTGCTTCTAACTTCTTCTGCTTCTCAAGCTGTTGTTAGTGAAT 985
Db 608 CTTCCCGAAGCAATGTGTATGATGATGCTACCCGAGCTTCTCAAGAGCGTTGCCATG 667
QY 986 TCGGCTGTGTTCAAAACGCTGATTAACCAACATGACCTTCAAAACAAGTTACTGTTCCA 1045
Db 668 TCGACTGTGTTCAAGACGCGCAACCTGACTTCACTTGTAGAGGTTCACTGCTGCTGCT 727
QY 1046 AGGCTATCACTGCGCAAGTCTGCTG 1070
Db 728 AGGCTCTCTCGACATCAAGTGATG 752

RESULT 6

US-09-230-665-3

Sequence 3, Application US/09230665

Patent No. 6322595

GENERAL INFORMATION:

APPLICANT: Boyer, Stanton L

TITLE OF INVENTION: Detergent Composition Comprising Two Cellulase

TITLE OF INVENTION: Components, with and without a Cellulose-Binding Domain

FILE REFERENCE: 6191 Sequence Listing (8 Sequences)

Patent No. 6322595

CURRENT APPLICATION NUMBER: US/09/230,665

CURRENT FILING DATE: 1999-01-29

EARLIER APPLICATION NUMBER: 60/023,125

NUMBER OF SEQ ID NOS: 8

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 3

LENGTH: 1473

TYPE: DNA

ORGANISM: Fusarium oxysporum

FEATURE:

NAME/KEY: CDS

LOCATION: (97)..(1224)

US-09-230-665-3

Query Match 20.1%; Score 218.2; DB 4; Length 1473;

Best Local Similarity 63.0%; Pred. No. 1.2e-54;

Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

449 GTGTCCTCCGGTAATGTAAGAAACCACTGCTACTGGGATGTGTGAAGCTTTTGA 508

143 GTGTCCTCCGGTAATGTAAGAAACCACTGCTACTGGGATGTGTGAAGCTTTTGA 202

509 GTTGGCCCGGTAAGGCTGATGTGACCTCCCGTTGCTCCCGTAACAGAGATGTAAGA 568

203 CTTGAGAGGAAAGGCTGCTGTAAGGCTCCCTGTTTAACTTGTATGAAGACCAACC 262

569 CTCCTGATGTAACAACACTCAAAACGGCTGT--GTGTAAGTAAGACACTGTA 625

263 CCATTTCCAAACCAACCACTGTAACAGGTTGAGGGGTGAGTTCTGCTTATGCTTGA 322

626 ATGACATCAACCTTGGGTTGTAAGCAAGCACTTGGCTTACGTTTCCGCTGCTTCA 685

323 CCAACTACTCTCCCGGCTGTCAACGATGAGCTTGGCTTACGTTTCCGCTTCAAGA 382

686 TTTCTGCTGTAAGGAACTACTTGGTGTGCTGCTTGAATCACTTCACTTCACTTCA 745

383 TCTCCGGTGTCTCCGAGGCAAGCTGTGTGCTGTGCTTGAATCACTTCACTTCACTT 442

746 CTGCGCTCAAGGTAAGAGATGTTTCAAGTAACCAACACTGCTTCACTTCACTTCA 805

443 GCCCGTCAAGGCAAGAGATGTCGTCACCAACCACTGAGATGATCTCGCG 502

806 CTAACACTGCTGCTCACTTGAATGCAATGCCGCTGTGTTGTTGTAATCAATG 865

503 ACAAC-----CACTTCATCTCATGATGCCGCGGAGTGTGCTGATCTTCAAG 553

866 GTTGTGCACTCAATAGGCTGTCTCCACCAAGATGTTGGGTGCAAGATAGCGCGTGT 925

554 GCTGCACTCTGAGTTGCG-----CAAGGCTCTCGGCGGTGCCAGTACGCGGTAATCT 607

926 CTTTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 985

608 CTTCCCGAAGGATGTAAGTACCTACCGAGCTTCTCAAGAGCGTTGCCATGCGCAT 667

986 TCGGCTGTTAAACCGCTGATTAACCAACATGACTTACAAACAGTTACTGTGCCA 1045

668 TCGGCTGTTGAGAGCCGCAACCTGACTTCACTTGAAGAGTTGAGTGCCTCA 727

1046 AGGCTATCACTGCAAGTCTGCTG 1070

728 AGGCTCTCTGCACTCAAGTGTATG 752

RESULT 7

US-09-189-028-3

Sequence 3, Application US/09189028

Patent No. 6423524

GENERAL INFORMATION:

APPLICANT: Rasmussen, Grethe

APPLICANT: Mikelsen, Jan Moller

APPLICANT: Schielein, Martin

APPLICANT: Patkar, Shankant A.

TITLE OF INVENTION: A Cellulase Preparation Comprising an

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESS: No. 64235240 No. 6423524disk of No. 6423524th America, Inc.

STREET: 405 Lexington Avenue, 64th Floor

CITY: New York

STATE: New York

COUNTRY: United States of America

ZIP: 10174-6401

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/189,028

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/389,423

FILING DATE: 14-FEB-1995

ATTORNEY/AGENT INFORMATION:

NAME: Lambiris, Elias J.

REGISTRATION NUMBER: 33,728

REFERENCE/DOCKET NUMBER: 3469, 214-US

TELEPHONE: 212-867-0123

TELEFAX: 212-878-9655

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 1473 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

MOLECULE TYPE: linear

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Fusarium oxysporum

STRAIN: DSM 2672

FEATURE:

NAME/KEY: CDS

LOCATION: 97..1224

US-09-189-028-3

Query Match 20.1%; Score 218.2; DB 4; Length 1473;

Best Local Similarity 63.0%; Pred. No. 1.2e-54;

Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

449 GTGTCCTCCGGTAATGTAAGAAACCACTGCTACTGGGATGTGTGAAGCTTTTGA 508

143 GTGTCCTCCGGTAATGTAAGAAACCACTGCTACTGGGATGTGTGAAGCTTTTGA 202

509 GTTGGCCCGGTAAGGCTGATGTGACCTCCCTGTGTGCTCTGTGAACAGAGATGTAAGA 568

203 CTTGAGAGGAAAGGCTGTGTCAACGCCCTGTGCTTAACTTGTATGAAGACCAACC 262

569 CTCCTGATGTAACAACACTCAAAACGGCTGT--GTGTAAGTAAGACACTGTA 625

263 CCATTTCCAAACCAACCACTGTAACAGGTTGTGAGGGTGTGCTTATGCTTGA 322

626 ATGACATCAACCTTGGGTTGTAAGCAAGCACTTGCCTACGTTTCCGCGCTTCA 685

Db 323 CCAACTACTCTCCCTGGGCTGTCCAAAGATAGACTTGGCTACGGTATTGGCTGTACCAAGA 382

Qy 666 TTTCTGGTGGTGAAGCGAAGCTACTTGGTGTGGTCTGTGGAACTCAACATTCACTCTTA 745

Db 383 TCTCCGGTGGCTCCAGGCGAGCTGTGCTGTGGCTTGAATGCTTTGACCTTCAACCTG 442

Qy 746 CTGCGGTCAAGGGGTGAAGAAAGATGGTGTTCAGTAAACCAACACAGTGTCTGACTTGGCT 805

Db 443 GCCCGGTCAAGGGCAAGAAAGATGATGTGTCAAGTCCAAACAATGGAGAGTATCTCCGGCG 502

Qy 806 CTAACTAGTGTCACTTTGACTTGCACAAATGCCCGAGTGGTGGTGTGTGTAATTCAATG 865

Db 503 ACAAC-----CACTTCGATCTCAAGATGCGCGGGTGGTGTGCGTATCTTCGACG 553

Qy 866 GTTGTGCCACTCAATGGGGGTGTCTCCACCGAATGTTGGGGTGGCAAGATACGGCGGTGTT 925

Db 554 GGTGCACCTGTGAAGTTGG-----CAAGCTCTGGGGGTGGTCCAGTACGGCGGTATCT 607

Qy 926 CTTCTGCTCTGACTGTTCTAACCTTCTCTGTGCGCTTCAAGCTGGTGTGAAGTGAAGAT 985

Db 608 CTTCCCGAAGGAAATGATAGCTACCCCGAGCTTCTCAAGAGGGTTGGCCACTGGCGAT 667

Qy 986 TCGGCTGGTTCAAAAACGCTGATTAACCAACCATGACTCTACAAACAAGTAACTGTGCCA 1045

Db 668 TCGACTGGTTCGAGAACCCGCAACAACCTGACTTCACTTGAAGACAGGTTCAAGTCCCA 727

Qy 1046 AGGCTATCACTGCCAAGTCTGGCTG 1070

Db 728 AGGCTCTCTCGACATCAAGTGAATG 752

```

      RESULT 8
US-09-230-665-7
; Sequence 7, Application US/09230665
; Patent No. 6322595
; GENERAL INFORMATION:
; APPLICANT: Boyer, Stanton L
; TITLE OF INVENTION: Detergent Composition Comprising Two Cellulase
; FILE REFERENCE: 6191 Sequence Listing (8 Sequences)
; Patent No. 6322595
; CURRENT APPLICATION NUMBER: US/09/230,665
; CURRENT FILING DATE: 1999-01-29
; EARLIER APPLICATION NUMBER: 60/023,125
; EARLIER FILING DATE: 1996-07-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatencIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 984
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Organism encoding
; OTHER INFORMATION: an endoglucanase enzyme
; NAME/KEY: CDS
; LOCATION: (97)..(735)
US-09-230-665-7

Query Match          19.9%; Score 215.6; DB 4; Length 984;
Best Local Similarity 63.5%; Pred. No. 5,8e-54;
Matches 386; Conservative 0; Mismatches 204; Indels 18; Gaps 3

QY      449 GTGGGCGCCGGTAAAGCTAATGTAAGCAACGCTACTGGATGTGTGAAGCCTTCTTGCA 508
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      143 GTGCTGCTTTGGAGACGGGTCACTTACTCGATACGATCGGATGCTGCAAGCCTTCTTGCT 202

QY      509 GTTGGCCCGGTAAAGGCTGATGCACTCCCTGTTGGCTCCCTGTAAACAAGATGGTAAGA 568
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      203 CTTGGAGCGGAAAGGCTGCTGTGCAACGCCCCCGCTTTAACTGTGTATGAAGCAACACC 262

QY      569 CTCTTGCATTAACAACAACCTAAAACGGCTGT--GTTGGTGTAGCAACTTACACCTGTA 625

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Db 253 CCATTTCACACCACTGCTGTCAACGGTTGTGAGGGTGTGTCTGCTTATGCTTGA 322

Qy 626 ATGACAATCAACCTTTGGGTTGTTAGCCGACGACCTTGCCGTGCTGTCCA 685

Db 323 CCAACTACTCTCCCTGGGCTGTCAACGATGAGACTTGCTCACGTTTCGTGCTACCAAGA 382

Qy 686 TTTCTGCGTGTGAGCGAAGACTACTTGGTGTGTGCTGTGTGCAACTACACTCTCTA 745

Db 383 TCTCCGGTGGCTCCGAGGCCAGCTGGTGTCTGTGTGATGCTTGAACCTTACCACTACG 442

Qy 746 CTGCGCGTCAAGGGTAAAGAAATGGTGTTCAGATACCAACAACCTGGTGTGACTGGCT 805

Db 443 GCCCGGTCAAGGGCAAGAGATGATGTCCTCACTCAACCAACTGAGGTATGTCGGCG 502

Qy 806 CTAACTGCTGCTCACTTTGACTTGAATGACCCGGTGGTGTGTGATCTCAATG 865

Db 503 ACAAC-----CACTTCGATCTCANGATGCCGGGGGTGTGTGCGTATCTTGACAG 553

Qy 866 GTTGTGCACTCAATGAGGGTGTCTCCACCAGTGTGGGGGTGCAAGATACGGCGGTGTT 925

Db 554 GCTGACACTCTGAGTTCGG-----CAAGGCTCTGGGGGTGCCAGATACGGCGGTATCT 607

Qy 926 CTTGCGCCTCTGACGTGTTCTAACCCTTCTTCTGCGCCTCAAGCTGGTGTAGTGGAGAT 985

Db 608 CCTCCCGAAGGAGATGTATGATGCTACACCAGACTTCTCAAGGACGGTGTGCCACTGGCAGT 667

Qy 986 TCGGCTGTTCAAAAACGCTGATATACCAACCATGACCTACAAACAACTTACCTGTCCA 1041

Db 668 TCGACTGTTGAGAGAACGCGACCAACCTGACTTCACTTTGAGCAGGTTGAGTGCCCA 727

Qy 1046 AGGCTATC 1053

Db 728 AGGCTCTC 735

RESULT 9
US-08-651-136C-9
Sequence 9, Application US/08651136C
Patent No. 6001639
GENERAL INFORMATION:
APPLICANT: Schuelein, Martin
APPLICANT: Andersen, Lene N.
APPLICANT: Laessen, Soren F.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Lange, Lene
APPLICANT: Nielsen, Rudy I.
APPLICANT: Ihara, Michiko
APPLICANT: Takagi, Shinobu
TITLE OF INVENTION: No. 6001639e1 Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6001639o No. 6001639dsk of No. 6001639ch America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651,136C
FILING DATE: 21-MAY-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366,200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123

TELEFAX: 212-878-9655
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1423 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 110..1156
 US-08-651-136C-9

Query Match 19.0%; Score 205.4; DB 3; Length 1423;
 Best Local Similarity 60.9%; Pred. No. 7.3e-51;
 Matches 376; Conservative 0; Mismatches 226; Indels 15; Gaps 2;

454 GCCTCCGATATGATGTAACCACTGCTACTGAGATTGTTGAAGCCTTCTTGAGATTGG 513
 170 GCCTCGGCAAAAGGCCACACACCGCTACTGGATTGCTCAAGACTTCTTGCGCATGG 229
 514 CCCGTAAGCTGATGTCACCTCCCTGTTGGCTCTGTAACAAGATGTAAGACTTT 573
 230 GAGGGCAAGGATCGCTCTCCGAGCTGTCTGACCTGTAAACAAGCAAGCAACCCATC 289
 574 GCTGATAACAACACTCAAAAGCGCTGTTGTTGATGACGTAACCTGTAAATGAAT 633
 290 GTCATGCAAGCGCAGAGCGGCTGCGACGCGCGCGGCAATTTGCTGTACCAACAT 349
 634 CAACCTTGGGTTGTTAAGCAAGCACTTGCTACGATTTGCGCGCTTCCATTTCTGT 693
 350 TCCCTTGGGCGGTGAGGAGAGACTTGCTACGATTTGCTGCAAGCCCTCAGGGG 409
 694 GGTAGCAAGTACTTGTGTTGCTGTTGCTGTTTCAACTCAATTCACCTTACTGCGGTC 753
 410 GGCACTGAGGCACTGCTGCTGCGCGGTGTAACGCAATTCACATGAGGCGCTGTG 469
 754 AAGGTAAGAAGATGTTGTTCAAGTAAACAACACTGTTGACCTTGGGCTTAAACACT 813
 470 GCTGCAAGAAGATGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 526
 814 GGTGCTCACTTGAATGCAATGCGCGGTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 873
 527 -----CACTTGAATGATGATTTCCGGTGAAGGCTCGGCACTTTGAAGGTTGCTG 580
 874 ACTCAATGAGGTGCTCCCAAGATGTTGAGGTGCAAGTACGCGGCTTTCTTCTG 933
 581 GCTCAGTTGGAACAAT-----TCTTCCGCGAGCGTTACGAGGTTGTTGCTGCG 634
 934 TCTGACTGTTTAACTTCTTCTTCTTCTTCTTCAAGCTGTTGTAAGTGAATGAGCTG 993
 635 TCTCAATGCAATGATGATGCGGAGCTTGAAGAAGGTTGCAAGTGGCTGCTGACTGG 694
 994 TTCAAAAACGCTGATTAACCAACCATGACCTTAACAACAGTTACTGTTCCCAAGCTATC 1053
 695 TTCAAGAACTAGACAACCTGACATCAAGTTCAAGCAAGTTCAGTGTCCAAAGAGCTC 754
 1054 ACTGCCAAGTCTGCTG 1070
 755 ATGCGGTCTCTGGGTG 771

RESULT 10
 US-09-229-911A-9
 Sequence 9, Application US/09229911A
 Patent No. 6387690
 GENERAL INFORMATION:
 APPLICANT: Schuelein, Martin
 Andersen, Lene N.
 Lassen, Soren F.
 Kauppinen, Markus S.
 Lange, Lene
 Nielsen, Rudy I.

Ihara, Michiko
 Takagi, Shinobu
 TITLE OF INVENTION: Sh. 6387690e1 Endoglucanases
 NUMBER OF SEQUENCES: 109
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: No. 63876900 No. 6387690disk of No. 6387690th America, Inc.
 STREET: 405 Lexington Avenue, 64th Floor
 CITY: New York
 STATE: New York
 COUNTRY: United States of America
 ZIP: 10174-6401
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/229,911A
 FILING DATE: 13-Jan-1999
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/651,136
 FILING DATE: 21-MAY-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Lambirth, Elias J.
 REGISTRATION NUMBER: 33,728
 REFERENCE/DOCKET NUMBER: 4366.200-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-867-0123
 TELEFAX: 212-878-9655
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1423 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 110..1156
 SEQUENCE DESCRIPTION: SEQ ID NO: 9:
 US-09-229-911A-9
 Query Match 19.0%; Score 205.4; DB 4; Length 1423;
 Best Local Similarity 60.9%; Pred. No. 7.3e-51;
 Matches 376; Conservative 0; Mismatches 226; Indels 15; Gaps 2;
 454 GCCTCCGATATGATGTAACCACTGCTACTGAGATTGTTGAAGCCTTCTTGAGATTGG 513
 170 GCCTCGGCAAAAGGCCACACACCGCTACTGGATTGCTCAAGACTTCTTGCGCATGG 229
 514 CCCGTAAGCTGATGTCACCTCCCTGTTGGCTCTGTAACAAGATGTAAGACTTT 573
 230 GAGGGCAAGGATCGCTCTCCGAGCTGTGACCTGTAAACAAGCAAGCAACCCATC 289
 574 GCTGATAACAACACTCAAAAGCGCTGTTGTTGATGACGTAACCTGTAAATGAAT 633
 290 GTCATGCAAGCGCAGAGCGGCTGCGACGCGCGCGGCAATTTGCTGTACCAACAT 349
 634 CAACCTTGGGTTGTTAAGCAAGCACTTGCTACGATTTGCGCGCTTCCATTTCTGT 693
 350 TCCCTTGGGCGGTGAGGAGAGACTTGCTACGATTTGCTGCAAGCCCTCAGGGG 409
 694 GGTAGCAAGTACTTGTGTTGCTGTTGCTGTTTCAACTCAATTCACCTTACTGCGGTC 753
 410 GGCACTGAGGCACTGCTGCTGCGCGGTGTAACGCAATTCACATTCAGAGTGGCTGTG 469
 754 AAGGTAAGAAGATGTTGTTCAAGTAAACAACACTGTTGACCTTGGCTTAAACT 813
 470 GCTGCAAGAAGATGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 526
 814 GGTGCTCACTTGAATGCAATGCGCGGTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 873

Query Match	18.0%	Score 195	DB 4	Length 92a
Best Local Similarity	61.8%	Pred. No. 6.8e-48		
Matches 369	Conservative	0	Mismatches 210	Indels 18, Gaps 3
QY	450	TGTCGCTCCGGTAAATGTGTGAACAACACTCGCTACTGAGATTGTGTGAACCTTCTTGTGCAG	509	
Db	60	TGCTTTGCCTGTGTATGGAGAGGTCCACGAGGTACTGGAGTTCTGTGAACCTCTTTGGTC	119	
QY	510	TTGGCCCGGTAAAGCTGATGTCACTCCCTCTTGGCTCCTGTAAACAGATGTGTAGAC	569	
Db	120	TTGGGCGCGAAGGCTGTGCTGTACGGCCCTCTTTGACTGTGACAAAGAGCAACCC	179	
QY	570	TCTTGCTGATTAACAACACTCAAAACGGGCTGT---GTTGGTGTGTAGAGGTATACCTGTAA	626	
Db	180	CATCTCAAAACCTGAACCGCTGTGTACAAGGTGTGTAGAGGTGTGTGTCTTGCTTGCCCTGCAC	239	
QY	627	TGACAAATCAACTTTGGGTGTGTAGCGACGACCTTGTCTACGGTTTGCACGCTTTCAT	686	
Db	240	CAACTACTCTCTTTGGGCGGTCAATGACAACCTTGTCTACGGCTTGCTGTCAACAAGT	299	
QY	687	TTCTGTGTGTAGCGAAGCTACTTGGTGTGTGCTGTGTTCGAATCAATTCACCTTCA	746	
Db	300	TGCCGTTAGCTTCGAGGGTAGCTGTGTGCTGTCTTGTCTACGACATTAACCTTCACACCGG	359	
QY	747	TGCGGTCAAGGGTAAAGATGTGTTTCAATTAACCAACACTGTGTCTGACTCTTGGCTC	806	
Db	360	TCCGTCAAAGGTAAAGCATGTGTGTCCAGTTCACCAACACTGTGAGGCGACTGTGGTGA	419	

Query Match	17.0%;	Score 184.4;	DB 4;	Length 919;
Best Local Similarity	59.8%;	Pred. No. 9.1e-45;		
Matches 355;	Conservative 0;	Mismatches 221;	Indels 18;	Gaps 2
QY	450	TGTCCTCCGGTAATGGTAAACCACTCGCTACTGGGATGTTGTAAACCTTCTTGACG	509	
Db	61	TGCTTTGGCTGCTATGGCAGGCTCAAGAGTACTGGGATGTTGTAAACCTTCTTGCTC	120	
QY	510	TTGGCCCGGTAAGGCTGATGTCACTCCCTGTTGGCTCTGTGTAACAAGATGGTAAGC	569	
Db	121	CTGGGGCGACAAAGGCTCGGTCACGCGCCCGCTCTCTGACCTGGCACAAGAAAGCAACCC	180	
QY	570	TCTTGTGATTAACAACACTCAAACCGGTGTGTTGGTGTAGCAGCTACACTGTAAATGA	629	
Db	181	CATTCGCGACGCCAACCCCGTAGCGGTTCACAGCGCGGCACTTCTTAACACTTGCAGCA	240	
QY	630	CAATCAACCTTGGGTTGTTAGCGACGACTTGCCCTACGGTTTCGGCGCTGCTTCATTTC	689	
Db	241	CAACTCCCCGCGGCTGTCAACGACAACCTGCGCTTATGGCTTTGGCGGTACCAAGCTCTC	300	
QY	690	TGCTGTAGCGAAGCTACTGGTGTGTCGCTGTTTCGAACTCAATCACTTCACTAC	749	
Db	301	TGGAGGCTCCGAGTCCAGCTGTGTCTGTGCTTCTAGCGCTTCACTTTAAGACTGGGCC	360	
QY	750	CGTCAAGGTAAGAAATGTTGTTTCAAGTAACCAACACTGTGTTCTGACTTGCTCTAA	809	
Db	361	CGTAAGGGCAAGACATGTGTCGTAAGTCAACCAACACGGAGGCGATCTCGGAGAA	420	
QY	810	CATGTGTCTCACTTTGACTTGCAAATGCCCGGTGTGTGTGTTGTTATCTTACATGTTTG	869	

Db 573 ATTGTCGGCCGACAGTCGATTCCTTCCCGCGCGCTCAAGCCCGGCTCCGATGCG 632
 QY 982 AGATTGCGGTGTTCAAAAACGCTGATTAACCCACCATGACCTCAACAAAGTTACTGT 1041
 Db 633 CGGTTGACTGTTCCAGACGCCGACCAACCGAGTTGACGTTCCAGAGGTGACGTGC 692
 QY 1042 CCCAAGGCTATCACTGCCCAAGTCTGCGTG 1070
 Db 693 CCCGCCGAGATGTTGCCCGCTCCGCGTG 721

RESULT 15

US-08-651-136C-11
 ; Sequence 11, Application US/08651136C
 ; Patent No. 6001639

GENERAL INFORMATION:

APPLICANT: Schuelein, Martin
 APPLICANT: Andersen, Lene N.
 APPLICANT: Lassen, Soren F.
 APPLICANT: Kauppinen, Markus S.
 APPLICANT: Lange, Lene
 APPLICANT: Nielsen, Ruby I.
 APPLICANT: Ihara, Michiko
 APPLICANT: Takagi, Shinobu
 TITLE OF INVENTION: No. 6001639e1 Endoglucanases
 NUMBER OF SEQUENCES: 109
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: No. 60016390 No. 6001639disk of No. 6001639th America, Inc.
 STREET: 405 Lexington Avenue, 64th Floor
 CITY: New York
 STATE: New York
 COUNTRY: United States of America
 ZIP: 10174-6401

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/651,136C
 FILING DATE: 21-MAY-1996
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Lambiris, Elias J.
 REGISTRATION NUMBER: 33,728
 REFERENCE/DOCKET NUMBER: 4366.200-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-867-0123
 TELEFAX: 212-878-9655

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:
 LENGTH: 1174 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:

NAME/KEY: CDS

LOCATION: 60..956

US-08-651-136C-11

Query Match 16.7%; Score 181; DB 3; Length 1174;
 Best Local Similarity 58.2%; Pred. No. 1e-43;
 Matches 366; Conservative 0; Mismatches 245; Indels 18; Gaps 2;

QY 442 GTCTCTGCTGCTGCTCCGCTATATGTAAGCAACCTCGCTACTGGGATTGTTAGACCT 501
 Db 111 GTGCTCTCCGCGCGACGTGCACTGACGTGCACTGCACTGCACTGCACTGCACTGCG 170
 QY 502 TCTTGAGTTGGCCCGGTAAGGCTGATGTCACCTCCCTGTTGGCTCTGTAACAAAGAT 561
 Db 171 TGTGCGCTTGGCCCGGGAAGCGCGCTGACCAACCGGTCTACGCGTGCATGCCAAC 230

QY 562 GGTAAAGCTCTTGTGATTAACACTCAAAACGCGTGTGTGTGTAGACGTAAC 621
 Db 231 TTCCAGGCGCTGTCCGACTTCAATGTCAGTCGGGCTGCAACGGCGCTCGGCTACTCC 290
 QY 622 TGTATGACATCAACCTTGGGTTGTAGGACGACCTTGCCTCAAGCTTTGCGCGTGTCT 681
 Db 291 TGGCCGACACGACTCCCTGGGCGGTGAACGACATTCGCGCTTACGCGCTTCCGCGACG 350
 QY 682 TCAATTTCTGTGTGTAGCGAAGCTACTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 741
 Db 351 AGCATGCGCGCGGCTCCGAATCTCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 410
 QY 742 TCTACTGCGCTCAAGGTTAAGATGTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 801
 Db 411 TCCGCTCCGTCGCGCGCAACATGTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 470
 QY 802 GGCTCTAACACTGT 861
 Db 471 GGAAGTAAAC-----CAGTTGATATGCGCATGCGCGCGCGCGCGCGCGCATCTTC 521
 QY 862 AATGTTGT 921
 Db 522 AACGCTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACT 572
 QY 922 GTTCTTCTGT 981
 Db 573 ATTGTCGGCCGACAGTCGATTCCTTCCCGCGCGCTCAAGCCCGGCTGCAAGTGG 632
 QY 982 AGATTGCGGTGTTCAAAAACGCTGATTAACCCACCATGACCTCAACAAAGTTACTGT 1041
 Db 633 CGGTTGACTGTTCCAGACGCCGACCAACCGAGTTGACGTTCCAGAGGTGACGTGC 692
 QY 1042 CCCAAGGCTATCACTGCCCAAGTCTGCGTG 1070
 Db 693 CCCGCCGAGATGTTGCCCGCTCCGCGTG 721

Search completed: June 17, 2003, 18:55:34
 Job time : 62.5203 secs